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ABSTRACT OF THE DISCLOSURE

An IPS-LCD device includes first and second substrates, and a liquid crystal interposed therebetween. The first substrate includes common and pixel electrodes that are formed of a transparent conductive material. Because the common and pixel electrodes are transparent, aperture ratios of the inventive IPS-LCD device are increased. Furthermore, the first substrate includes an organic material in order to insulate the common electrodes against a data lines. Due to the low dielectric constant of the organic material, the common electrodes and the data lines can be closer with low effect of cross talk, thereby increasing the aperture ratios of the inventive IPS-LCD device. Accordingly, the brightness of the inventive IPS-LCD device is improved.